

GTCAATATGCTGTTCAAGTCATGGCAACTGGCAGCAGCCTCCGGGCTCCTGTCTGGAGTC	60
MetLeuPheLysSerTrpGlnLeuAlaAlaAlaSerGlyLeuLeuSerGlyVa	18
CTCGGCATCCCGATGGACACCGGCAGCCACCCATTGAGGCTGTTGATCCCGAAGTGAAG	120
lLeuGlyIleProMetAspThrGlySerHisProIleGluAlaValAspProGluValLy	38
ACTGAGGTCTTCGCTGACTCCCTCCTTGCTGCAGCAGGCGATGACGACTGGGAGTCACCT	180
sThrGluValPheAlaAspSerLeuLeuAlaAlaAlaGlyAspAspAspTrpGluSerPr	58
CCATACAACCTTGCTTTACAGGAATGCCCTGCCAATTCCACCTGTCAAGCAGCCCAAGATG	240
oProTyrAsnLeuLeuTyrArgAsnAlaLeuProIleProProValLysGlnProLysMe	78
ATCATTACCAACCCTGTCACCGGCAAGGACATTTGGTACTATGAGATCGAGATCAAGCCA	300
tIleIleThrAsnProValThrGlyLysAspIleTrpTyrTyrGluIleGluIleLysPr	98
TTTCAGCAAAGGATTTACCCACCTTGCGCCCTGCCACTCTCGTCGGCTACGATGGCATG	360
oPheGlnGlnArgIleTyrProThrLeuArgProAlaThrLeuValGlyTyrAspGlyMe	118
AGCCCTGGTCCTACTTTCAATGTTCCCAGAGGAACAGAGACTGTAGTTAGGTTCATCAAC	420
tSerProGlyProThrPheAsnValProArgGlyThrGluThrValValArgPheIleAs	138
AATGCCACCGTGGAGAACTCGGTCCATCTGCACGGCTCCCCATCGCGTGCCCTTTTCGAT	480
nAsnAlaThrValGluAsnSerValHisLeuHisGlySerProSerArgAlaProPheAs	158
GGTTGGGCTGAAGATGTGACCTTCCCTGGCGAGTACAAGGATTACTACTTTCCCAACTAC	540
pGlyTrpAlaGluAspValThrPheProGlyGluTyrLysAspTyrTyrPheProAsnTy	178
CAATCCGCCCGCCTTCTGTGGTACCATGACCACGCTTTCATGAAGACTGCTGAGAATGCC	600
rGlnSerAlaArgLeuLeuTrpTyrHisAspHisAlaPheMetLysThrAlaGluAsnAl	198
TACTTTGGTCAGGCTGGCGCCTACATTATCAACGACGAGGCTGAGGATGCTCTCGGTCTT	660
aTyrPheGlyGlnAlaGlyAlaTyrIleIleAsnAspGluAlaGluAspAlaLeuGlyLe	218
CCTAGTGGCTATGGCGAGTTCGATATCCCTCTGATCCTGACGGCCAAGTACTATAACGCC	720
uProSerGlyTyrGlyGluPheAspIleProLeuIleLeuThrAlaLysTyrTyrAsnAl	238
GATGGTACCCTGCGTTCGACCGAGGGTGAGGACCAGGACCTGTGGGGAGATGTCATCCAT	780
aAspGlyThrLeuArgSerThrGluGlyGluAspGlnAspLeuTrpGlyAspValIleHi	258
GTCAACGGACAGCCATGGCCTTTCCTTAACGTCCAGCCCCGCAAGTACCGTTTCCGATTC	840
sValAsnGlyGlnProTrpProPheLeuAsnValGlnProArgLysTyrArgPheArgPh	278
CTCAACGCTGCCGTGTCTCGTGCTTGGCTCCTCTACCTCGTCAGGACCAGCTCTCCCAAC	900
eLeuAsnAlaAlaValSerArgAlaTrpLeuLeuTyrLeuValArgThrSerSerProAs	298
GTCAGAATTCTTTCCAAGTCATTGCCTCTGATGCTGGTCTCCTTCAAGCCCCCGTTTCAG	960
nValArgIleProPheGlnValIleAlaSerAspAlaGlyLeuLeuGlnAlaProValGl	318
ACCTCTAACCTCTACCTTGCTGTTGCCGAGCGTTACGAGATCATTATTGACTTCACCAAC	1020
nThrSerAsnLeuTyrLeuAlaValAlaGluArgTyrGluIleIleIleAspPheThrAs	338
TTTGCTGGCCAGACTCTTGACCTGCGCAACGTTGCTGAGACCAACGATGTCGGCGACGAG	1080
nPheAlaGlyGlnThrLeuAspLeuArgAsnValAlaGluThrAsnAspValGlyAspGl	358
GATGAGTACGCTCGCACTCTCGAGGTGATGCGCTTCGTCGTCAGCTCTGGCACTGTTGAG	1140
uAspGluTyrAlaArgThrLeuGluValMetArgPheValValSerSerGlyThrValGl	378

FIG. 1A

GACAACAGCCAGGTCCCCTCCACTCTCCGTGACGTTCTTTCCCTCCTCACAAGGAAGGC	1200
uAspAsnSerGlnValProSerThrLeuArgAspValProPheProProHisLysGluGl	398
CCCGCCGACAAGCACTTCAAGTTTGAACGCAGCAACGGACACTACCTGATCAACGATGTT	1260
yProAlaAspLysHisPheLysPheGluArgSerAsnGlyHisTyrLeuIleAsnAspVa	418
GGCTTTGCCGATGTCAATGAGCGTGTCTGGCCAAGCCCGAGCTCGGCACCGTTGAGGTC	1320
lGlyPheAlaAspValAsnGluArgValLeuAlaLysProGluLeuGlyThrValGluVa	438
TGGGAGCTCGAGAACTCCTCTGGAGGCTGGAGCCACCCCGTCCACATTCACCTTGTTGAC	1380
lTrpGluLeuGluAsnSerSerGlyGlyTrpSerHisProValHisIleHisLeuValAs	458
TTCAAGATCCTCAAGCGAACTGGTGGTTCGTGGCCAGGTCATGCCCTACGAGTCTGCTGGT	1440
pPheLysIleLeuLysArgThrGlyGlyArgGlyGlnValMetProTyrGluSerAlaGl	478
CTTAAGGATGTCGTCTGGTTGGGCAGGGGTGAGACCCTGACCATCGAGGCCCACTACCAA	1500
yLeuLysAspValValTrpLeuGlyArgGlyGluThrLeuThrIleGluAlaHisTyrGl	498
CCCTGGACTGGAGCTTACATGTGGCACTGTCACAACCTCATTACGAGGATAACGACATG	1560
nProTrpThrGlyAlaTyrMetTrpHisCysHisAsnLeuIleHisGluAspAsnAspMe	518
ATGGCTGTATTCAACGTCACCGCCATGGAGGAGAAGGGATATCTTCAGGAGGACTTCGAG	1620
tMetAlaValPheAsnValThrAlaMetGluGluLysGlyTyrLeuGlnGluAspPheGl	538
GACCCCATGAACCCCAAGTGGCGCGCCGTTCTTACAACCGCAACGACTTCCATGCTCGC	1680
uAspProMetAsnProLysTrpArgAlaValProTyrAsnArgAsnAspPheHisAlaAr	558
GCTGGAAACTTCTCCGCCGAGTCCATCACTGCCCAGTGCAGGAGCTGGCCGAGCAGGAG	1740
gAlaGlyAsnPheSerAlaGluSerIleThrAlaArgValGlnGluLeuAlaGluGlnGl	578
CCGTACAACCGCCTCGATGAGATCCTGGAGGATCTTGGAATCGAGGAGTAA	1791
uProTyrAsnArgLeuAspGluIleLeuGluAspLeuGlyIleGluGlu	594

FIG. 1B

CTGGCTAGCC	TCACTTGGTA	GACAGCCCTG	ACAGCCTCAC	TGGCTGGGGG	TCGAAAGGCC	60
AGTCAATATC	TTGGTCACTG	CTAATAGTTC	CTTGCTACGC	GCAAAAAGCT	CCTTGCCGAA	120
GGGGCACAGA	CTATCAAGTG	AGACATATAG	GATGCATGTC	TTTCATAGCC	ACAGTTAGGG	180
TGGTGACCTA	CTCGAAGAGG	CCCCGACTTG	CATGCATACG	ACATGTCGCT	TCCATGCAAC	240
ATGTATGCGC	ACATCGGCGA	TCAGGCACCC	TCTGCATGCA	GAATAGAACC	CCCCTGGTTT	300
CCTTTTGTTT	CTTTTCCTTT	CTCAACGACG	CGTGAGCGTG	GTTAACTTGA	GCAAGGCCGA	360
GTGGTCTGTT	CACGAGGTTA	CCATCGAACT	CTCTTCTTTC	CCAATCATGA	CCTGCCCCCC	420
GAGTTTAGCC	CCCATCACGG	CTGTGAAATC	CAC TTCGATA	ATCCTAGCCT	AGTGCTACTC	480
TTCAATAGTT	GCTCCTGATG	GGGCACTTTG	GTCACATTGC	CTTGGTTYCT	CCTACCTCGT	540
TCTCTTCCGC	ATCAAGCCTC	TATGCCCCGAC	GACAACACCT	CATTGGCCCCG	GACCACTTTG	600
AGCGCGCACG	CACCTTCGCG	CCGAAGGAGT	TGATAACACC	CTTCACCCTT	GCCCAATGAT	660
GGAGTTTGG	TCTATTTGTC	ATGATCACCT	CACATTCACT	AGATCACGGA	TCCTGGAAGA	720
GGGTGTGGAA	GCCAGACCAG	CTTGTCCCTG	TTCTTGACAG	CTCAGGTCAG	CTCCTAGCGG	780
CTATCACAGC	TCAGGATTAT	CAAGTCCCGT	AAAGTCCAGA	CCCTTTTCAT	TGTATGATGC	840
TGCCTAATTT	GCGCTATCTC	TATGCCGTAG	CAGCCGTCTT	GGCTACAAC	GGCTGCCATG	900
GCTGAAGCAT	CGTGAGATCT	ATAAAGGTCT	CCGAATCCTC	GGTGAAGTCA	GAATCGTCTC	960
TCCACACCAG	TCAACAACAA	GCTTCTTTCT	CTTACAGCTT	AGCCTGAGCA	CATTACAGAG	1020
ACTCTTCCCT	TC TTTTCGTC	AATATGCTGT	TCAAGTCATG	GCAACTGGCA	GCAGCCTCCG	1080
GGCTCCTGTC	TGGAGTCCTC	GGCATCCCGA	TGGACACCCG	CAGCCACCCC	ATTGAGGCTG	1140
TTGATCCCGA	AGTGAAGACT	GAGGTCTTCG	CTGACTCCCT	CCTTGCTGCA	GCAGGCGATG	1200
ACGACTGGGA	GTCACCTCCA	TACAACCTTG	TTTACAGGTG	AGACACCTGT	CCCACCTGTT	1260
TTCCCTCGAT	AACTAACTCT	TATAGGAATG	CCCTGCCAAT	TCCACCTGTC	AAGCAGCCCA	1320
AGATGTATGT	CTTTGATTTT	CTACGAAGCA	ACTCGGCCCC	GACTAATGTA	TTCTAGGATC	1380
ATTACCAACC	CTGTCACCGG	CAAGGACATT	TGGTACTATG	AGATCGAGAT	CAAGCCATTT	1440
CAGCAAAGGG	TGAGTTTGCT	CAGAAACCTT	GTGGTAATTA	ATCATTGTTA	CTGACCCTTT	1500
CAGATTTACC	CCACCCTGCG	CCCTGCCACT	CTCGTCGGCT	ACGATGGCAT	GAGCCCTGGT	1560
CCTACTTTCA	ATGTTCCAG	AGGAACAGAG	ACTGTAGTTA	GGTTCATCAA	CAATGCCACC	1620
GTGGAGAACT	CGGTCCATCT	GCACGGCTCC	CCATCGCGTG	CCCCTTTCGA	TGGTTGGGCT	1680
GAAGATGTGA	CCTTCCCTGG	CGAGTACAAG	GATTACTACT	TTCCCAACTA	CCAATCCGCC	1740
CGCCTTCTGT	GGTACCATGA	CCACGCTTTC	ATGAAGGTAT	GCTACGAGCC	TTTATCTTTC	1800
TTGGCTACCT	TTGGCTAACC	AACTTCCTTT	CGTAGACTGC	TGAGAATGCC	TACTTTGGTC	1860
AGGCTGGCGC	CTACATTATC	AACGACGAGG	CTGAGGATGC	TCTCGGTCTT	CCTAGTGGCT	1920
ATGGCGAGTT	CGATATCCCT	CTGATCCTGA	CGGCCAAGTA	CTATAACGCC	GATGGTACCC	1980
TGCGTTTCGAC	CGAGGGTGAG	GACCAGGACC	TGTGGGGAGA	TGTCATCCAT	GTCAACGGAC	2040
AGCCATGGCC	TTTCCTTAAC	GTCCAGCCCC	GCAAGTACCG	TTTCCGATTC	CTCAACGCTG	2100
CCGTGTCTCG	TGCTTGGCTC	CTCTACCTCG	TCAGGACCAG	CTCTCCCAAC	GTCAGAAATC	2160
CCTTCCAAGT	CATTGCCCTC	GATGCTGGTG	TCCTTCAAGC	CCCCGTTCAG	ACCTCTAACC	2220
TCTACCTTGC	TGTTGCCGAG	CGTTACGAGA	TCATTATTGG	TATGCCCTCC	CCTCTCACGA	2280
ATGAGTCAAG	AACTCTAAGA	CTAACACTTG	TAGACTTCAC	CAACTTTGCT	GGCCAGACTC	2340
TTGACCTGCG	CAACGTTGCT	GAGACCAACG	ATGTCGGCGA	CGAGGATGAG	TACGCTCGCA	2400
CTCTCGAGGT	GATGCGCTTC	GTCGTACAGT	CTGGCACTGT	TGAGGACAAC	AGCCAGGTCC	2460
CCTCCACTCT	CCGTGACGTT	CCTTTCCCTC	CTCACAAGGA	AGGCCCCGCC	GACAAGCACT	2520
TCAAGTTTGA	ACGCAGCAAC	GGACACTACC	TGATCAACGA	TGTTGGCTTT	GCCGATGTCA	2580
ATGAGCGTGT	CCTGGCCAAG	CCCGAGCTCG	GCACCGTTGA	GGTCTGGGAG	CTCGAGAACT	2640
CCTCTGGAGG	CTGGAGCCAC	CCCGTCCACA	TTACCTTGT	TGACTTCAAG	ATCCTCAAGC	2700
GAAGTGGTGG	TCGTGGCCAG	GTCATGCCCT	ACGAGTCTGC	TGGTCTTAAG	GATGTCGTCT	2760
GGTTGGGCAG	GGGTGAGACC	CTGACCATCG	AGGCCCACTA	CCAACCTTGG	ACTGGAGCTT	2820
ACATGTGGCA	CTGTCACAAC	CTCATTACAG	AGGATAACGA	CATGATGGCT	GTATTCAACG	2880
TCACCGCCAT	GGAGGAGAAG	GGATATCTTC	AGGAGGACTT	CGAGGACCCC	ATGAACCCCA	2940
AGTGGCGCGC	CGTTCCCTTAC	AACCGCAACG	ACTTCCATGC	TCGCGCTGGA	AACTTCTCCG	3000
CCGAGTCCAT	CACTGCCCCG	GTGCAGGAGC	TGGCCGAGCA	GGAGCCGTAC	AACCGCCTCG	3060
ATGAGATCCT	GGAGGATCTT	GGAATCGAGG	AGTAAACCCC	GAGCCACAAG	CTCTACAATC	3120
GTTTTGAGTC	TTAAGACGAG	GCTCTTGGTG	CGTATTCTTT	TCTTCCCTAC	GGGGAACCTC	3180
GCTGTCCACT	GCGATGTGAA	GGACCATCAC	AAAGCAACGT	ATATATTGGA	CTCACCAGTG	3240
TCATTACCGC	CCACTTGTAC	CTATTGCTAT	CTTTGTTCAA	CTTTTCTAGT	GCGAGAGTGT	3300
CCATAGTCAA	GAAACGCCCA	TAGGGCTATC	GTCTAAACTG	AACTATTGTG	TGGTCTGTGA	3360
CGTGGAGTAG	ATGTCAATTG	TGATGAGACA	CAGTAAATAC	GGTATATCTT	TTCTTAGGAC	3420
TACAGGATCA	GTTTCTCATG	AGATTACATC	CGTCTAATGT	TTGTCCATGA	GAGTCTAGCT	3480
AAGGTTGAGA	ATGCATCAGA	CGGAATCATT	TGATGCTCTC	AGCTCGTATT	ACCGATGTAA	3540
GACAAGTTAG	GTAAGTTGCT	TGGTATCCGA	AAATGACTCA	GGCTCCCTCA	TTAGTTTGCA	3600
TGTGAAAACC	TTCAGCAACT	CATGGGTGTT	GGGACCAAT	CATCCATACC	TGATTTTGAT	3660
AACTGACCTG	GGTCAAT					3677

FIG. 2

1MFKHTLGAAALSLLFNSNAVQA.SPVPETSPATGHLFKRV	39
1	MLFKSWQLAAASGLLSGVLGIPMDTGSHPIEAVDPEVKTEVFADSLAA	50
40	AQISPPQYPMFTV....PLPIPPVKQPRRLTVTNPVNGQEIWYVEVEIKPFT	85
51	GDDDWESPYPYNLLYRNALPIPPVKQPKMIITNPVTGKDIWYVEIEIKPFQ	100
86	HQVYPDLGSADLVGYDGMSPGPTFQVPRGVETVVRFINNAEAPNSVHLHG	135
101	QRIYPTLRPATLVGYDGMSPGPTFNVPRGTETVVRFINNATVENSVHLHG	150
136	SFSRAAFDGAEDITEPGSFKDYYPNRQSARTLWYHDHAMHITAENAYR	185
151	SPSRAPFDGAEDVTFPGEYKDYYFPNYQSARLLWYHDHAFMKTAENAYF	200
186	GQAGLYMLTDPADALNLP SGYGEFDIPMILTSKQYTANGNLVTTNGELN	235
201	GQAGAYIINDEAEDALGLPSGYGEFDIPLILTAKYYNADGTLRSTEGEDQ	250
236	SFWGDVIHVNGQPWPFPKNVEPRKYRFRFLDAAVSRSGLYFADTDAIDTR	285
251	DLWGDVIHVNGQPWPFLNVQPRKYRFRFLNAAVSRALLYLVRTSSPNVR	300
286	LPFKVIASDSGLLEHPADTSLLYISMAERYEVVDFSDYAGKTIELRNLG	335
301	IPFQVIASDAGLLQAPVQTSNLYLAVAERYEIIIDFTNFAGQTLDLRNV.	349
336	GSIGGIGTDTDYDNTDKVMRFVADDTTQPDTSVVPANLRDVPFPSPPTN	385
350	AETNDVGDEDEYARTLEV MR FVSSGTVE.DNSQVPSTLRDVPFP PHKEG	398
386	.TPRQFRFRGRTGPTWTINGVAFADVQNRLLANVPVGTVERWELINAGNGW	434
399	PADKHFKFERSNGHYLINDVG FADVNERVLAKPELGTVEVWELENSSGGW	448
435	THPIHIHLVDFKVISRTSGNNARTVMPYES.GLKDVVWLGRRET VVVEAH	483
449	SHPVHIHLVDFKILKRTGGRG..QVMPYESAGLKDVVWLGRGETLTIEAH	496
484	YAPFPGVYMFHCHNLIHEDHDMMAAFNATVLPDYGYNATVFVDPMEELWQ	533
497	YQPWIGAYMWHCHNLIHEDNDMMAVFNV TAMEEKG YLQEDFEDPMNPKWR	546
534	ARPYELGEFQAQSGQFSVQAVTERIQTMAEYR PYAAADE.....	572
547	AVPYNRNDFHARAGNFSAESITARVQELAEQEPYNRLDEILEDLGIEE	594

FIG._3

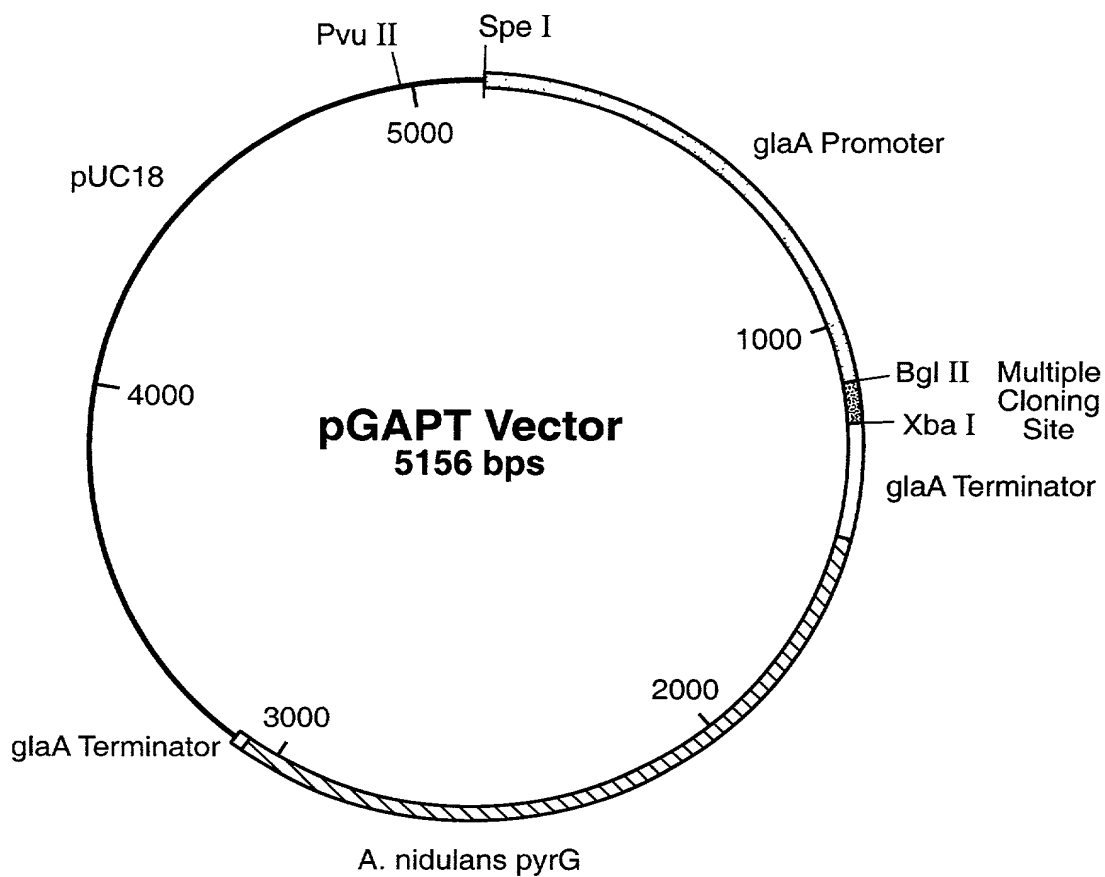


FIG._4

AGATCTAATA	TGCTGTTCAA	GTCATGGCAA	CTGGCAGCAG	CCTCCGGGCT	CCTGTCTGGA	60
GTCCTCGGCA	TCCCGATGGA	CACCGGCAGC	CACCCCATTG	AGGCTGTTGA	TCCCGAAGTG	120
AAGACTGAGG	TCTTCGCTGA	CTCCCTCCTT	GCTGCAGCAG	GCGATGACGA	CTGGGAGTCA	180
CCTCCATACA	ACTTGCTTTA	CAGGTGAGAC	ACCTGTCCCA	CCTGTTTTTC	CTCGATAACT	240
AACTCTTATA	GGAATGCCCT	GCCAATTCCA	CCTGTCAAGC	AGCCCAAGAT	GTATGTCTTT	300
GATTTTCTAC	GAAGCAACTC	GGCCCCGACT	AATGTATTCT	AGGATCATT	CCAACCCTGT	360
CACCGGCAAG	GACATTTGGT	ACTATGAGAT	CGAGATCAAG	CCATTTTCAGC	AAAGGGTGAG	420
TTTGCTCAGA	AACCTTGTGG	TAATTAATCA	TTGTTACTGA	CCCTTTCAGA	TTTACCCAC	480
CTTGCGCCCT	GCCACTCTCG	TCGGCTACGA	TGGCATGAGC	CCTGGTCCTA	CTTTCAATGT	540
TCCCAGAGGA	ACAGAGACTG	TAGTTAGGTT	CATCAACAAT	GCCACCGTGG	AGAACTCGGT	600
CCATCTGCAC	GGCTCCCCAT	CGCGTGCCCC	TTTCGATGGT	TGGGCTGAAG	ATGTGACCTT	660
CCCTGGCGAG	TACAAGGATT	ACTACTTTCC	CAACTACCAA	TCCGCCCGCC	TTCTGTGGTA	720
CCATGACCAC	GCTTTCATGA	AGGTATGCTA	CGAGCCTTTA	TCTTTCCTGG	CTACCTTTGG	780
CTAACCAACT	TCCTTTCGTA	GACTGCTGAG	AATGCCTACT	TTGGTCAGGC	TGGCGCCTAC	840
ATTATCAACG	ACGAGGCTGA	GGATGCTCTC	GGTCTTCCTA	GTGGCTATGG	CGAGTTCGAT	900
ATCCCTCTGA	TCCTGACGGC	CAAGTACTAT	AACGCCGATG	GTACCCTGCG	TTCGACCGAG	960
GGTGAGGACC	AGGACCTGTG	GGGAGATGTC	ATCCATGTCA	ACGGACAGCC	ATGGCCTTTC	1020
CTTAACGTCC	AGCCCCGCAA	GTACCGTTTC	CGATTCTCTA	ACGCTGCCGT	GTCTCGTGCT	1080
TGGCTCCTCT	ACCTCGTCAG	GACCAGCTCT	CCCAACGTCA	GAATTCCTTT	CCAAGTCATT	1140
GCCTCTGATG	CTGGTCTCCT	TCAAGCCCCC	GTTTCAGACCT	CTAACCTCTA	CCTTGCTGTT	1200
GCCGAGCGTT	ACGAGATCAT	TATTGGTATG	CCCTCCCCCTC	TCACGAATGA	GTCAAGAACT	1260
CTAAGACTAA	CAC TTGTAGA	CTTCACCAAC	TTTGCTGGCC	AGACTCTTGA	CCTGCGCAAC	1320
GTTGCTGAGA	CCAACGATGT	CGGCGACGAG	GATGAGTACG	CTCGCACTCT	CGAGGTGATG	1380
CGCTTCGTCG	TCAGCTCTGG	CAC TGTGAG	GACAACAGCC	AGGTCCCCCTC	CAC TCTCCGT	1440
GACGTTCCCTT	TCCCTCCTCA	CAAGGAAGGC	CCCGCCGACA	AGCACTTCAA	GTTTGAACGC	1500
AGCAACGGAC	ACTACCTGAT	CAACGATGTT	GGCTTTGCCG	ATGTCAATGA	GCGTGTCTCTG	1560
GCCAAGCCCCG	AGCTCGGCAC	CGTTGAGGTC	TGGGAGCTCG	AGAACTCCTC	TGGAGGCTGG	1620
AGCCACCCCCG	TCCACATTCA	CCTTGTTGAC	TTCAAGATCC	TCAAGCGAAC	TGGTGGTCGT	1680
GGCCAGGTCA	TGCCCTACGA	GTCTGCTGGT	CTTAAGGATG	TCGTCTGGTT	GGGCAGGGGT	1740
GAGACCCTGA	CCATCGAGGC	CCACTACCAA	CCCTGGACTG	GAGCTTACAT	GTGGCACTGT	1800
CACAACCTCA	TTCACGAGGA	TAACGACATG	ATGGCTGTAT	TCAACGTCAC	CGCCATGGAG	1860
GAGAAGGGAT	ATCTTCAGGA	GGACTTCGAG	GACCCCATGA	ACCCCAAGTG	GCGCGCCGTT	1920
CCTTACAACC	GCAACGACTT	CCATGCTCGC	GCTGGAAACT	TCTCCGCCGA	GTCCATCACT	1980
GCCCCGAGTGC	AGGAGCTGGC	CGAGCAGGAG	CCGTACAACC	GCCTCGATGA	GATCCTGGAG	2040
GATCTTGGAA	TCGAGGAGTA	GTCTAGA				2067

FIG._5

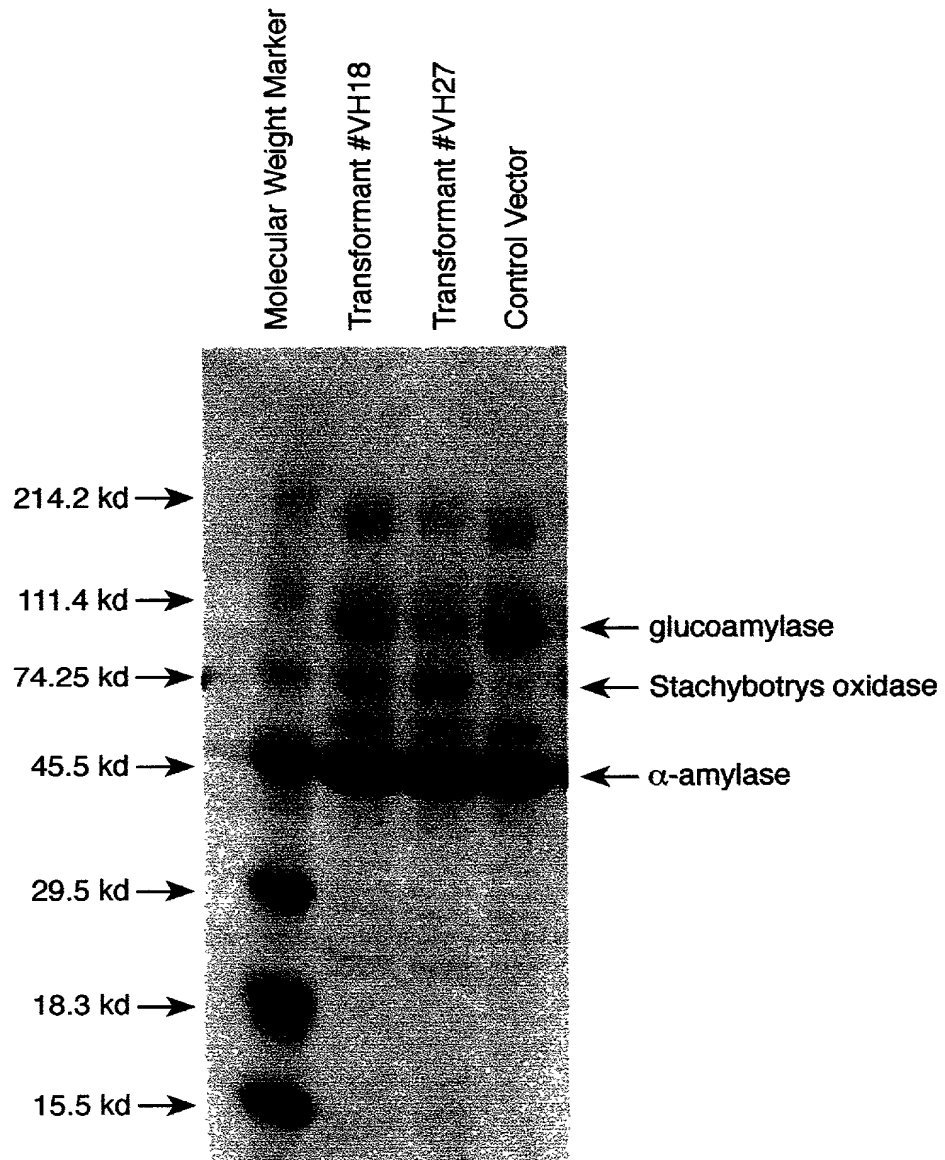


FIG._6